| Index of Cla | Appli<br>10/78           |      | on No. |              | Applicant(s)  GRYSPEERDT ET AL. |      |          |  |  |  |
|--------------|--------------------------|------|--------|--------------|---------------------------------|------|----------|--|--|--|
|              | Exam                     |      |        |              | Art Unit                        | LIAL |          |  |  |  |
|              | Nath                     | an S | Mammen |              | 3671                            |      |          |  |  |  |
| √ Rejected   | (Through nur<br>Cancelle |      | N      | Non-Elected  |                                 | A    | Appeal   |  |  |  |
| = Allowed    | ÷ Restricte              | d    | ı      | Interference |                                 | 0    | Objected |  |  |  |

|       | Щ_                     |          |  | J        | L                  | Ш.       |              |          |              |                               |                 |          | L        | L_  |   |                 |          |          | L          |                         |         |              |  |          |          |          |           |
|-------|------------------------|----------|--|----------|--------------------|----------|--------------|----------|--------------|-------------------------------|-----------------|----------|----------|---|---|-----------------|----------|----------|------------|-------------------------|---------|--------------|--|----------|----------|----------|-----------|
| Claim | Date                   |          |  |          | Claim Date         |          |              |          |              |                               |                 | Γ        | Date     |   |   |                 |          |          |            |                         |         |              |  |          |          |          |           |
|       |                        |          | Ť  | Ĭ        | П                  | $\top$   |              |          | +            |                               |                 | ΠĬ       | T        | Т   | T   | П               | F        | Cla      |            | Т                       | Т       | T            | T  | ĬΠ       | П        | Т        | ᅱ         |
| Final | 4/2/04                 |          |  |          |                    |          | Final        | Original | ,            |                               |                 |          |          |   |   |                 |          | Final    | Original   |                         |         |              |  |          |          |          |           |
| 1     | 1                      |          | +  | П        | $\dashv$           | $\top$   |              | 51       | $\top$       | T                             |                 |          | 寸        | $\top$  | $\top$  | П               | t        | 一        | 101        | 十                       | T       | T            | $\vdash$   | П        |          | 寸        | ヿ         |
| 2     | 1                      |          | $\neg$   | П        | $\Box$             | $\neg$   |              | 52       |              | $\top$                        |                 |          | 寸        |   |   | П               |          |          | 102        | $\Box$                  |         | $\top$       |  |          |          | $\Box$   |           |
| 3     | 1                      |          |  |          |                    |          |              | 53       |              |                               |                 |          |          |   |   |                 |          |          | 103        |                         |         | $\mathbb{L}$ |  |          |          |          |           |
| 4     | 1                      |          |  |          |                    |          |              | 54       |              |                               |                 |          | $\perp$  |   |   | Ш               |          |          | 104        |                         |         |              |  |          |          |          |           |
| 5     |                        |          |  |          |                    |          |              | 55       |              |                               |                 |          | $\Box$   |   |   | Ш               | L        |          | 105        | _                       |         |              | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |          |          | $\perp$  |           |
| 6     |                        |          | _ _  |          |                    |          | <u> </u>     | 56       |              | _                             |                 |          | $\dashv$ | 4   |   | Ш               | L        |          | 106        | _                       |         | ┸            | $\perp$  | Ш        |          | _        | _         |
| 7     | <b>↓</b> ↓ ↓ .         | $\perp$  |  | Ц        |                    |          |              | 57       |              | <u> </u>                      |                 |          | 4        | $\perp$   | 4   | Н               | -        |          | 107        | 4                       | - -     | ╀            | ↓_   | Щ        | $\dashv$ | $\dashv$ | 4         |
| 8     | 1 1-                   |          | _  | $\perp$  |                    | _        | l            | 58       |              | ╄-                            |                 |          | 4        | -   | 4   | $\vdash$        | -        |          | 108        | +                       | 4-      | ╀            | $\vdash$   | Щ        |          | $\dashv$ | 4         |
| 9     | 1                      | $\perp$  |  | Н        | $\vdash$           | _        | <b> </b>     | 59       |              | ┼                             | $\vdash$        | $\dashv$ | $\dashv$ | +   | -   | $\vdash$        | -        |          | 109        | -                       | +       | ╀            | ╀  | Н        | $\dashv$ | $\dashv$ | $\dashv$  |
| 10    |                        | $\vdash$ |  | Н        | $\vdash \vdash$    | -        | <del> </del> | 60       | <del>'</del> | $\vdash$                      | $\vdash$        | $\dashv$ | +        | - -   | +   | $\vdash$        | }        | $\dashv$ | 110        | +                       | +       | +            | $\vdash$   | Н        | $\dashv$ | +        | $\dashv$  |
| 11 12 | ++                     | $\vdash$ | +  |          | $\vdash \vdash$    |          | -            | 61<br>62 |              | +                             | -               | $\dashv$ | $\dashv$ | +   | +   | H               | }        |          | 111<br>112 | +                       | +       | +-           | $\vdash$   | $\vdash$ | -        | $\dashv$ | $\dashv$  |
| 13    | ++                     | $\vdash$ | +  | $\vdash$ | $\vdash \vdash$    | +        |              | 63       | +            | +-                            | $\vdash \vdash$ | $\dashv$ | +        | +   | +   | H               | }        |          | 113        | +                       | +       | +            | $\vdash$   | Н        |          | $\dashv$ | $\dashv$  |
| 14    | ++                     | $\vdash$ | +  | $\vdash$ | $\vdash$           | +        |              | 64       |              | $\vdash$                      | H               | -        | $\dashv$ | +   | +-  | $\vdash$        | 1        | $\dashv$ | 114        | +                       | +       | +            | $\vdash$   | Н        | $\dashv$ | $\dashv$ | $\dashv$  |
| 15    | $\vdash\vdash\vdash$   | -        | +  | H        | $\vdash$           | +        |              | 65       | +            | +                             | -               | $\dashv$ | 十        | +   | +   | $\forall$       | H        | $\dashv$ | 115        | $\dashv$                | +       | 十            | $\vdash$   | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
| 16    | $\Box$                 | -        | +  | $\vdash$ | $\vdash$           |          |              | 66       |              | T                             |                 | $\dashv$ | $\dashv$ | $\top$  | +   | $\forall$       | <b> </b> | -        | 116        | $\dashv$                | +       | $\top$       | $\top$   |          |          | $\dashv$ | $\dashv$  |
| 17    |                        |          | $\top$   | П        | $\vdash$           |          |              | 67       |              | $\top$                        | $\Box$          | $\dashv$ | 十        | $\dashv$  | 1   | $\top$          | r        |          | 117        | +                       | +       | T            | $\vdash$   | М        |          | 十        | ヿ         |
| 18    |                        |          | 1  | П        | Ħ                  | $\top$   |              | 68       |              | Ī                             |                 | $\Box$   | 一        | $\top$  | ┪   | П               |          |          | 118        | _                       | $\neg$  | $\top$       | Π  |          |          | ヿ        | ヿ         |
| 19    |                        |          | 1  | П        | $\Box$             |          |              | 69       |              | T                             |                 | $\neg$   | 一        | $\top$  |   | П               |          |          | 119        | $\neg$                  |         | 十            |  |          | $\neg$   | ヿ        | コ         |
| 20    |                        | $\Box$   | 1  |          |                    |          |              | 70       |              |                               |                 |          | 丁        | $\top$  |   | $\Box$          | Г        |          | 120        |                         | $\top$  | Т            |  |          |          | $\neg$   |           |
| 21    |                        |          |  |          |                    |          |              | 71       | T            |                               |                 |          |          |   |   |                 |          |          | 121        |                         |         |              |  |          |          |          |           |
| 22    |                        |          |  |          |                    |          |              | 72       | !            |                               |                 |          |          |   |   | $\square$       |          |          | 122        |                         |         |              |  |          |          | $\Box$   | $\Box$    |
| 23    |                        |          |  |          |                    |          |              | 73       |              |                               |                 |          |          |   |   | $\square$       |          |          | 123        |                         |         |              |  |          |          | $\Box$   |           |
| 24    |                        | $\perp$  | $\perp$  | Ш        |                    |          |              | 74       |              |                               |                 |          | _        | $\perp$   |   | Ш               | L        |          | 124        | _ _                     |         | _            | Ш  |          |          | _        | _         |
| 25    |                        |          |  |          | $\sqcup$           |          |              | 75       |              |                               |                 |          |          | 4   | $\bot$  | Ш               | L        |          | 125        | 4                       | $\bot$  | <u> </u>     | Ш  |          |          | 4        |           |
| 26    |                        | $\perp$  | 4_   |          | _                  |          |              | 76       |              | $oldsymbol{oldsymbol{\perp}}$ |                 | $\dashv$ | $\perp$  | _   |   | Ш               | L        |          | 126        | _                       |         | 1            | Ш  |          | $\Box$   | 4        | _         |
| 27    | Ш                      |          | - -  | Н        | $\dashv$           |          |              | 77       |              | ↓_                            | _               | _        | 4        | _   | _   | Ш               | -        |          | 127        | _                       |         | 4            | Ш  |          | _        | 4        | _         |
| 28    |                        |          | +-   | Н        | $\dashv$           | _        | <u> </u>     | 78       | 4            | $\vdash$                      | _               | $\dashv$ | $\dashv$ | +   | +   | Н               | ŀ        |          | 128        | +                       | +       | ╀            | Н  |          | $\dashv$ | 4        | 4         |
| 29    |                        |          | +-   | Н        | $\dashv$           | _        | <del> </del> | 79       | _            | 1                             | _               | $\dashv$ | $\dashv$ | _   | +   | $\vdash$        | -        |          | 129        | +                       | -       | +            | Н  | Ш        | _        | $\dashv$ | $\dashv$  |
| 30    |                        |          | +-   | Н        | $\dashv$           |          | <b>—</b>     | 80       |              | $\vdash$                      |                 | $\dashv$ | $\dashv$ |   |   | ⊢               | -        |          | 130        | +                       | +-      | +            | -  | Н        | $\dashv$ | $\dashv$ | $\dashv$  |
| 31    | H                      | $\vdash$ | +  | $\vdash$ | $\dashv$           | +        | -            | 81<br>82 | +            | $\vdash$                      | $\dashv$        | $\dashv$ | +        | +   | +-  | $\vdash \vdash$ | -        |          | 131<br>132 | +                       | +       | +            | $\vdash$   | Н        | $\dashv$ | +        | $\dashv$  |
| 33    | $\vdash\vdash\vdash$   | $\vdash$ | +  | $\vdash$ | +                  | +-       | -            | 83       |              | +                             |                 | $\dashv$ | $\dashv$ | +   | +   | H               | -        |          | 133        | +                       | +       | +            | $\vdash$   | Н        | $\dashv$ | +        | $\dashv$  |
| 34    | +++                    | +        | +  | Н        | $\dashv$           | +        |              | 84       |              | $\vdash$                      |                 | $\dashv$ | +        | +   | +   | $\dashv$        | <b>-</b> |          | 134        | +                       | +       | +            | Н  | $\vdash$ | $\dashv$ | +        | $\dashv$  |
| 35    | H                      | $\vdash$ | +  | $\vdash$ | -                  | -        |              | 85       | +            | $\dagger \dashv$              | $\vdash$        | $\dashv$ | $\dashv$ | +   | +   | $\forall$       | 卜        |          | 135        | +                       | +       | +            | $\vdash$   | $\vdash$ | $\dashv$ | +        | $\dashv$  |
| 36    | Ш                      | $\dashv$ | $\top$   | Н        | -                  |          |              | 86       |              | Н                             |                 | $\dashv$ | $\dashv$ | $\dashv$  | $\top$  | $\vdash$        | 十        |          | 136        | $\dashv$                | $\top$  | +            | Н  | $\vdash$ | $\dashv$ | 十        | $\dashv$  |
| 37    | $\Box$                 |          | 1  | П        | 1                  | 1        |              | 87       | 1            |                               |                 | $\dashv$ | $\top$   | $\top$  | †   | Н               | 卜        |          | 137        | 十                       | $\top$  | 1            | Н  | $\sqcap$ | 7        | 十        | ᅱ         |
| 38    | $\sqcap$               | 一        | ナ  | П        |                    | $\top$   |              | 88       |              | П                             | $\neg$          | 寸        | 寸        | $\neg$  | $\top$  | П               |          |          | 138        | $\dashv$                | +       | 1            | П  | $\Box$   | $\neg$   | 十        | $\dashv$  |
| 39    | Ш                      |          | 1  | П        | $\dashv$           |          |              | 89       |              | П                             |                 | 寸        | $\dashv$ | $\top$  | $\top$  | П               |          |          | 139        | $\dashv$                | $\top$  | $\top$       |  |          | $\neg$   | す        | $\exists$ |
| . 40  |                        |          |  |          |                    |          |              | 90       |              |                               |                 | 丁        | $\Box$   |   | $\perp$   |                 |          |          | 140        |                         |         |              |  |          |          |          | $\Box$    |
| 41    |                        |          | $oldsymbol{ol}}}}}}}}}}}}} $ |          |                    |          |              | 91       |              |                               |                 |          | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                 |          |          | 141        | $oldsymbol{\mathbb{T}}$ | $\perp$ | $\prod$      |  |          |          | $\Box$   | $\Box$    |
| 42    |                        |          | 工  | Ш        | $\Box$             |          |              | 92       |              |                               |                 | $\Box$   | $\Box$   | $\bot$  | L   | П               |          |          | 142        | $\perp$                 |         |              |  |          |          | $\Box$   |           |
| 43    |                        | _ _      | 1  | Ш        | $\perp \downarrow$ |          |              | 93       |              | Ш                             |                 | _].      |          |   | L   | Ш               |          |          | 143        | $\perp$                 | $\perp$ |              | Ш  |          | $\Box$   | $\bot$   |           |
| 44    | $\sqcup \sqcup$        | $\perp$  |  | Ш        | $\sqcup$           | $\bot$   | <b> </b>     | 94       | 1            | $\square$                     |                 |          | $\perp$  |   | ╀-  | Ц               | L        |          | 144        | 4                       |         | $\perp$      | $\sqcup$   | $\Box$   | $\dashv$ | $\perp$  | _         |
| 45    | $\sqcup \sqcup$        | $\perp$  | _  | Ш        | _                  |          | L_           | 95       |              | $\sqcup$                      |                 | _        | $\perp$  |   | 1-  | Ш               | L        |          | 145        | _                       | $\bot$  | _            | Ш  | $\Box$   | ļ        | 4        | _         |
| 46    | $\sqcup \sqcup$        | $\perp$  | 4_   | Щ        | $\dashv$           | -        | <u> </u>     | 96       | 4            | $\sqcup$                      | $\sqcup$        | _        | 4        | $\perp$   | $\downarrow$                                      | $\sqcup$        | L        |          | 146        | 4                       | 4-      | 1            | Ш  |          | _        | 4        | $\dashv$  |
| 47    | $\vdash \vdash \vdash$ |          | +  | $\sqcup$ | $\dashv$           | -        | <u> </u>     | 97       |              |                               |                 | _        | 4        | _   | +   | Ц               | Ļ        | $\dashv$ | 147        | _                       | +       | $\vdash$     | Н  | $\sqcup$ | _        | 4        | 4         |
| 48    |                        |          |  |          | $\dashv$           | $\dashv$ | -            | 98       | 4            | +                             |                 |          | +        |   | +-  | Н               |          |          | 148        | 4                       | +       | ┼            | $\vdash$   | $\sqcup$ | _        | 4        | $\dashv$  |
| 49    | $\vdash\vdash\vdash$   |          | +  | $\vdash$ | $\dashv$           | +        | <del> </del> | 99       |              | $\sqcup$                      |                 | -        | -+       | +   | +   | Н               | -        |          | 149        | -                       | +       | +            | $\vdash$   | -        |          | +        | $\dashv$  |
| 50    | $\Box$                 |          |  | Ш        | L                  |          |              | 10       | <u>٧</u>     | Ш                             |                 |          | L.       | 止   | _L  | Ш               | L        |          | 150        | 丄                       | $\perp$ |              | L  |          |          | $\bot$   |           |